



# Agentic AI Foundations

## Course Overview

This 1-day, fundamental-level training introduces participants to the principles, components, and AWS services that power Agentic AI. You'll explore how agentic systems differ from traditional conversational AI, learn workflows, autonomous agents, hybrid architectures, and gain hands-on experience building goal-driven AI solutions with Amazon Bedrock Agents and AgentCore.

## Key Features

- 1-day instructor-led classroom training.
- Hands-on labs with Amazon Bedrock Agents and Knowledge Bases.
- Real-world examples of workflow and autonomous agents.
- Group exercises to reinforce concepts.
- Official AWS training material.

## Who Should Attend?

- Software developers exploring Agentic AI.
- Technical professionals evaluating agent-based solutions.
- Development teams differentiating between workflow and autonomous agents.
- AWS users expanding skills into Agentic AI (Amazon Q, Bedrock Agents).

## Prerequisites

- Generative AI Essentials training or equivalent knowledge.
- Basic AWS cloud knowledge.
- Fundamental software development experience.

# Course Modules

## Module 1 From LLMs to Agents

- Understanding Large Language Models (LLMs)
- Innovations powering agents
- Evolution timeline from LLMs to Agents

## Module 2 Exploring Agentic AI

- Understanding Agentic AI
- Types of AI agents
- Agentic AI applications

## Module 3 Understanding Agentic AI Workflows

- Workflow patterns
- Amazon Bedrock flows overview

## Module 4 Introducing Autonomous Agents

- How Autonomous Agents work
- ReAct
- ReWoo
- Multi-agent collaboration
- AWS Agentic AI solutions

## Module 5 Amazon Q and Agentic Development Tools

- Amazon Q Developer
- Amazon Q Business
- Amazon Q in AWS Services
- Kiro: AI-powered IDE with spec-driven development

## Module 6 Agentic AI with Amazon Bedrock

- Amazon Bedrock Agents
- Amazon Bedrock AgentCore
- **Hands-on lab:** Explore Amazon Bedrock Agents integrated with Amazon Bedrock Knowledge Bases and Amazon Bedrock Guardrails

## Module 7 Building DIY Solutions

- DIY solutions
- Observability and Monitoring
- Agent Interoperability

## Module 8 Course Wrap-up

- Next steps and additional resources
- Course summary

# About CloudThat

Established in 2012, CloudThat is an award-winning company and the first in India to offer cloud training and consulting services for individuals and enterprises worldwide. Recently, it won Google Cloud's New Training Partner of the Year Award for 2025, becoming the first company in the world in 2025 to hold awards from all three major cloud giants: AWS, Microsoft, and Google. CloudThat notably won consecutive AWS Training Partner of the Year (APJ) awards in 2023 and 2024 and the Microsoft Training Services Partner of the Year Award in 2024, bringing its total award count to an impressive 12 awards in the last 8 years.

CloudThat specializes in Cloud Migration, Data Platforms, DevOps, IoT, and cutting-edge technologies like Gen AI & AI/ML. As a Microsoft Solutions Partner, AWS Premier Tier Training Partner, Google Cloud Platform Partner, and collaborator with leading organizations like HPE, Oracle, Nvidia and Databricks, CloudThat has trained over 850,000 professionals across 600+ cloud certifications, empowering students and professionals worldwide to advance their skills and careers.

## Our Success Track

<b>13+ Years</b> of Experience	<b>200+</b> Corporates served	<b>30+</b> countries catered
<b>850K+</b> Professionals trained	<b>500+</b> Projects delivered	<b>600+</b> Cloud certifications

To know more about our cloud certification training, email at [sales@cloudthat.com](mailto:sales@cloudthat.com) or call us at **+918880002200**.